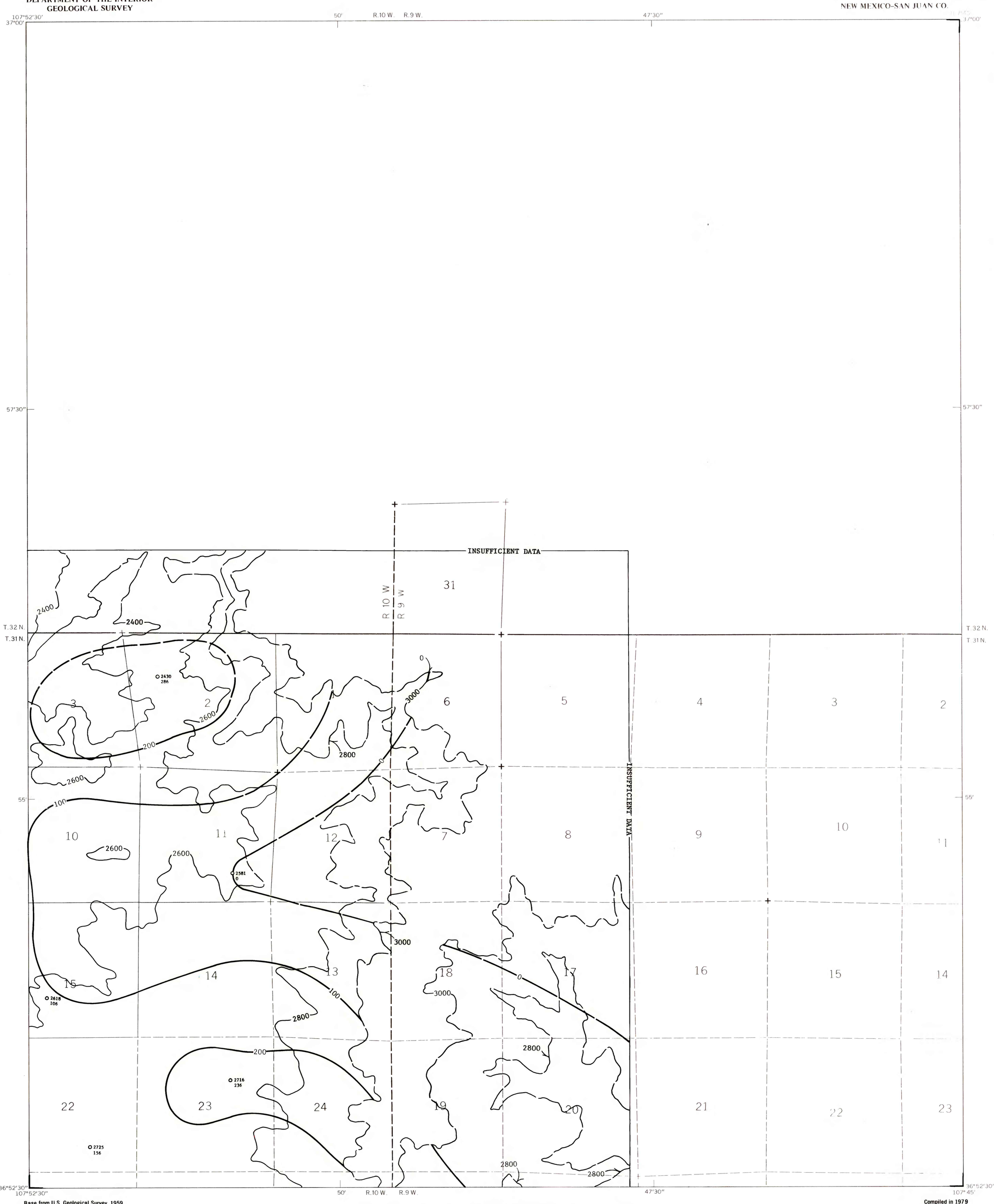
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NE¼ OF AZTEC 15' QUADRANGLE
NEW MEXICO-SAN JUAN CO.

OPEN FILE REPORT 79-1113
PLATE 10 OF 11



Base from U.S. Geological Survey, 1959

Compiled in 1979

SCALE 1:24000

1 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

EXPLANATION

3000

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from the surface to the top of the Fruitland coal zone, which is coincident with the top of the Fruitland Formation. Isopach interval 200 feet (61 meters). Isopachs long dashed where inferred, short dashed where projected through noncoal-bearing area.

200

INTERBURDEN ISOPACHS - Showing thickness of interburden, in feet, within the Fruitland coal zone. Isopach interval 100 feet (30.5 meters). Isopachs dashed where inferred.

2618
106

DRILL HOLE - Showing thickness of overburden, in feet, (upper number) from the surface to the top of the Fruitland coal zone and thickness of interburden, in feet, (lower number) within the Fruitland coal zone.

To convert feet to meters, multiply feet by 0.3048.

The Fruitland coal zone extends from the top of the Fruitland Fm to the base of the lowermost coal which is designated, on CRO Plate 3, as a Fruitland zone coal bed. The Fruitland zone overburden is determined by substracting the elevation of the top of the Fruitland Fm (CRO Plate 9) from the ground level elevation. The interburden is the total rock thickness from the top of the Fruitland Fm to the top of the lowermost coal which is designated as a Fruitland zone coal bed.

COAL RESOURCE OCCURRENCE MAP OF THE NORTHEAST QUARTER OF THE AZTEC 15-MINUTE QUADRANGLE, SAN JUAN COUNTY, NEW MEXICO

BY
DAMES & MOORE
1979

PLATE 10

ISOPACH MAP OF OVERBURDEN AND INTERBURDEN OF THE FRUITLAND COAL ZONE